Figure 1A

```
                                                M  Q  R  L  G  A  T  L  L  C          10
GGCACGAGGGGGCGGCGGCTGCGGGCGCAGAGCGGAG ATG CAG CGG CTT GGG GCC ACC CTG CTG TGC       67

 L  L  L  A  A  A  V  P  T  A  P  A  P  A  P  T  A  T  S  A                        30
CTG CTG CTG GCG GCG GCG GTC CCC ACG GCC CCC GCG CCC GCT CCG ACG GCG ACC TCG GCT     127

 P  V  K  P  G  P  A  L  S  Y  P  Q  E  E  A  T  L  N  E  M                        50
CCA GTC AAG CCC GGC CCG GCT CTC AGC TAC CCG CAG GAG GAG GCC ACC CTC AAT GAG ATG     187

 F  R  E  V  E  E  L  M  E  D  T  Q  H  K  L  R  S  A  V  E                        70
TTC CGC GAG GTT GAG GAA CTG ATG GAG GAC ACG CAG CAC AAA TTG CGC AGC GCG GTG GAA     247

 E  M  E  A  E  E  A  A  A  K  A  S  S  E  V  N  L  A  N  L                        90
GAG ATG GAG GCA GAA GAA GCT GCT GCT AAA GCA TCA TCA GAA GTG AAC CTG GCA AAC TTA     307

 P  P  S  Y  H  N  E  T  N  T  D  T  N  V  G  N  N  T  I  H                       110
CCT CCC AGC TAT CAC AAT GAG ACC AAC ACA GAC ACG AAC GTT GGA AAT AAT ACC ATC CAT     367

 V  H  R  E  I  H  K  I  T  N  N  Q  T  G  Q  M  V  F  S  E                       130
GTG CAC CGA GAA ATT CAC AAG ATA ACC AAC AAC CAG ACT GGA CAA ATG GTC TTT TCA GAG     427

 T  V  I  T  S  V  G  D  E  E  G  R  R  S  H  E  C  I  I  D                       150
ACA GTT ATC ACA TCT GTG GGA GAC GAA GAA GGC AGA AGG AGC CAC GAG TGC ATC ATC GAC     487

 E  D  C  G  P  S  M  Y  C  Q  F  A  S  F  Q  Y  T  C  Q  P                       170
GAG GAC TGT GGG CCC AGC ATG TAC TGC CAG TTT GCC AGC TTC CAG TAC ACC TGC CAG CCA     547

 C  R  G  Q  R  M  L  C  T  R  D  S  E  C  C  G  D  Q  L  C                       190
TGC CGG GGC CAG AGG ATG CTC TGC ACC CGG GAC AGT GAG TGC TGT GGA GAC CAG CTG TGT     607

 V  W  G  H  C  T  K  M  A  T  R  G  S  N  G  T  I  C  D  N                       210
GTC TGG GGT CAC TGC ACC AAA ATG GCC ACC AGG GGC AGC AAT GGG ACC ATC TGT GAC AAC     667

 Q  R  D  C  Q  P  G  L  C  C  A  F  Q  R  G  L  L  F  P  V                       230
CAG AGG GAC TGC CAG CCG GGG CTG TGC TGT GCC TTC CAG AGA GGC CTG CTG TTC CCT GTG     727

 C  T  P  L  P  V  E  G  E  L  C  H  D  P  A  S  R  L  L  D                       250
TGC ACA CCC CTG CCC GTG GAG GGC GAG CTT TGC CAT GAC CCC GCC AGC CGG CTT CTG GAC     787

 L  I  T  W  E  L  E  P  D  G  A  L  D  R  C  P  C  A  S  G                       270
CTC ATC ACC TGG GAG CTA GAG CCT GAT GGA GCC TTG GAC CGA TGC CCT TGT GCC AGT GGC     847

 L  L  C  Q  P  H  S  H  S  L  V  Y  V  C  K  P  T  F  V  G                       290
CTC CTC TGC CAG CCC CAC AGC CAC AGC CTG GTG TAT GTG TGC AAG CCG ACC TTC GTG GGG     907

 S  R  D  Q  D  G  E  I  L  L  P  R  E  V  P  D  E  Y  E  V                       310
AGC CGT GAC CAA GAT GGG GAG ATC CTG CTG CCC AGA GAG GTC CCC GAT GAG TAT GAA GTT     967

 G  S  F  M  E  E  V  R  Q  E  L  E  D  L  E  R  S  L  T  E                       330
GGC AGC TTC ATG GAG GAG GTG CGC CAG GAG CTG GAG GAC CTG GAG AGG AGC CTG ACT GAA    1027

 E  M  A  L  L  E  P  A  A  A  A  A  A  L  L  G  R  E  E  I                       350
GAG ATG GCG CTG CTG GAG CCT GCG GCT GCC GCC GCT GCA CTG CTG GGA AGG GAA GAG ATT    1087

 *                                                                                 351
TAG                                                                               1090
```

Figure 1B

ATCTGGACCAGGCTGTGGGTAGATGTGCAATAGAAATAGCTAATTTATTTCCCCANGTGTGTGCTTTAAGCGTGGGCTG 1169

ACCAGGCTTCTTCCTACATCTTCTTCCCAGTAAGTTTCCCCTCTGGCTTGACAGCATGAGGTGTTGTGCATTTGTTCAG 1248

CTCCCCCAGGCTGTTCTCCAGGCTTCACAGTCTGGTGCTTGGGAGAGTCAGGCAGGGTTAAACTGCAGGAGCAGTTTGC 1327

CACCCCTGTCCAGATTATTGGCTGCTTTGCCTCTACCAGTTGGCAGACAGCCGTTTGTTCTACATGGCTTTGATAATTG 1406

TTTGAGGGGAGGAGATGGAAACAATGTGGAGTCTCCCTCTGATTGGTTTTGGGGAAATGTGGAGAAGAGTGCCCTGCTT 1485

TGCAAACATCAACCTGGCAAAAATGCAACAAATGAATTTTCCACGCAGTTCTTTCCATGGGCATAGGTAAGCTGTGCCT 1564

TCAGCTGTTGCAGATGAAATGTTCTGTTCACCCTGCATTACATGTGTTTATTCATCCAGCAGTGTTGCTCAGCTCCTAC 1643

CTCTGTGCCAGGGCAGCATTTTCATATCCAAGATCAATTCCCTCTCTCAGCACAGCCTGGGGAGGGGGTCATTGTTCTC 1722

CTCGTCCATCAGGGATTTCAGAGGCTCAGAGACTGCAAGCTGCTTGCCCAAGTCACACAGCTAGTGAAGACCAGAGCAG 1801

TTTCATCTGGTTGTGACTCTAAGCTCAGTGCTCTCTCCACTACCCCACACCAGCCTTGGTGCCACCAAAAGTGCTCCCC 1880

AAAAGGAAGGAGAATGGGATTTTTCTTTTGAGGCATGCACATCTGGAATTAAGGTCAAACTAATTCTCACATCCCTCTA 1959

AAAGTAAACTACTGTTAGGAACAGCAGTGTTCTCACAGTGTGGGGCAGCCGTCCTTCTAATGAAGACAATGATATTGAC 2038

ACTGTCCCTCTTTGGCAGTTGCATTAGTAACTTTGAAAGGTATATGACTGAGCGTAGCATACAGGTTAACCTGCAGAAA 2117

CAGTACTTAGGTAATTGTAGGGCGAGGATTATAAATGAAATTTGCAAAATCACTTAGCAGCAACTGAAGACAATTATCA 2196

ACCACGTGGAGAAAATCAAACCGAGCAGGGCTGTGTGAAACATGGTTGTAATATGCGACTGCGAACACTGAACTCTACG 2275

CCACTCCACAAATGATGTTTTCAGGTGTCATGGACTGTTGCCACCATGTATTCATCCAGAGTTCTTAAAGTTTAAAGTT 2354

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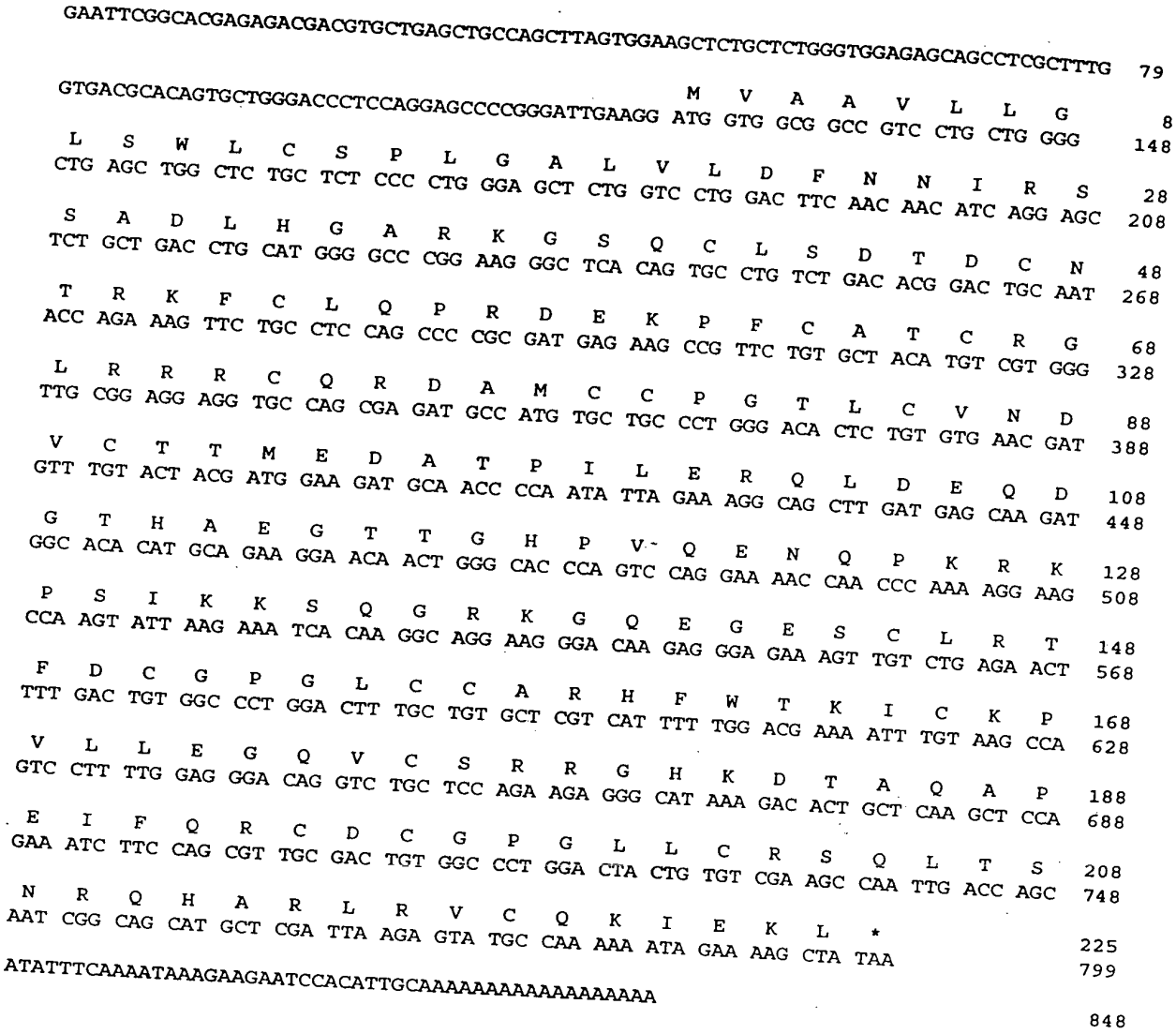
Figure 2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L S W L C S P L G A L V L D F N N I R S CTG AGC TGG CTC TGC TCT CCC CTG GGA GCT CTG GTC CTG GAC TTC AAC AAC ATC AGG AGC 28 208
S A D L H G A R K G S Q C L S D T D C N TCT GCT GAC CTG CAT GGG GCC CGG AAG GGC TCA CAG TGC CTG TCT GAC ACG GAC TGC AAT 48 268
T R K F C L Q P R D E K P F C A T C R G ACC AGA AAG TTC TGC CTC CAG CCC CGC GAT GAG AAG CCG TTC TGT GCT ACA TGT CGT GGG 68 328
L R R R C Q R D A M C C P G T L C V N D TTG CGG AGG AGG TGC CAG CGA GAT GCC ATG TGC TGC CCT GGG ACA CTC TGT GTG AAC GAT 88 388
V C T T M E D A T P I L E R Q L D E Q D GTT TGT ACT ACG ATG GAA GAT GCA ACC CCA ATA TTA GAA AGG CAG CTT GAT GAG CAA GAT 108 448
G T H A E G T T G H P V Q E N Q P K R K GGC ACA CAT GCA GAA GGA ACA ACT GGG CAC CCA GTC CAG GAA AAC CAA CCC AAA AGG AAG 128 508
P S I K K S Q G R K G Q E G E S C L R T CCA AGT ATT AAG AAA TCA CAA GGC AGG AAG GGA CAA GAG GGA GAA AGT TGT CTG AGA ACT 148 568
F D C G P G L C C A R H F W T K I C K P TTT GAC TGT GGC CCT GGA CTT TGC TGT GCT CGT CAT TTT TGG ACG AAA ATT TGT AAG CCA 168 628
V L L E G Q V C S R R G H K D T A Q A P GTC CTT TTG GAG GGA CAG GTC TGC TCC AGA AGA GGG CAT AAA GAC ACT GCT CAA GCT CCA 188 688
E I F Q R C D C G P G L L C R S Q L T S GAA ATC TTC CAG CGT TGC GAC TGT GGC CCT GGA CTA CTG TGT CGA AGC CAA TTG ACC AGC 208 748
N R Q H A R L R V C Q K I E K L * AAT CGG CAG CAT GCT CGA TTA AGA GTA TGC CAA AAA ATA GAA AAG CTA TAA 225 799
ATATTTCAAAATAAAGAAGAATCCACATTGCAAAAAAAAAAAAAAAAAA 848

Figure 3A

```
CCGGACGCGTGGGCGGCACGGTTTCGTGGGGACCCAGGCTTGCAAAGTGACGGTCATTTTCTCTTTCTTTCTCCCTCTT  79

                  M  M  A  L  G  A  A  G  A  T  R  V  F  V  A  M                  16
GAGTCCTTCTGAG ATG ATG GCT CTG GGC GCA GCG GGA GCT ACC CGG GTC TTT GTC GCG ATG      140

   V  A  A  A  L  G  G  H  P  L  L  G  V  S  A  T  L  N  S  V                    36
GTA GCG GCG GCT CTC GGC GGC CAC CCT CTG CTG GGA GTG AGC GCC ACC TTG AAC TCG GTT  200

   L  N  S  N  A  I  K  N  L  P  P  P  L  G  G  A  A  G  H  P                    56
CTC AAT TCC AAC GCT ATC AAG AAC CTG CCC CCA CCG CTG GGC GGC GCT GCG GGG CAC CCA  260

   G  S  A  V  S  A  A  P  G  I  L  Y  P  G  G  N  K  Y  Q  T                    76
GGC TCT GCA GTC AGC GCC GCG CCG GGA ATC CTG TAC CCG GGC GGG AAT AAG TAC CAG ACC  320

   I  D  N  Y  Q  P  Y  P  C  A  E  D  E  E  C  G  T  D  E  Y                    96
ATT GAC AAC TAC CAG CCG TAC CCG TGC GCA GAG GAC GAG GAG TGC GGC ACT GAT GAG TAC  380

   C  A  S  P  T  R  G  G  D  A  G  V  Q  I  C  L  A  C  R  K                   116
TGC GCT AGT CCC ACC CGC GGA GGG GAC GCA GGC GTG CAA ATC TGT CTC GCC TGC AGG AAG  440

   R  R  K  R  C  M  R  H  A  M  C  C  P  G  N  Y  C  K  N  G                   136
CGC CGA AAA CGC TGC ATG CGT CAC GCT ATG TGC TGC CCC GGG AAT TAC TGC AAA AAT GGA  500

   I  C  V  S  S  D  Q  N  H  F  R  G  E  I  E  E  T  I  T  E                   156
ATA TGC GTG TCT TCT GAT CAA AAT CAT TTC CGA GGA GAA ATT GAG GAA ACC ATC ACT GAA  560

   S  F  G  N  D  H  S  T  L  D  G  Y  S  R  R  T  T  L  S  S                   176
AGC TTT GGT AAT GAT CAT AGC ACC TTG GAT GGG TAT TCC AGA AGA ACC ACC TTG TCT TCA  620

   K  M  Y  H  T  K  G  Q  E  G  S  V  C  L  R  S  S  D  C  A                   196
AAA ATG TAT CAC ACC AAA GGA CAA GAA GGT TCT GTT TGT CTC CGG TCA TCA GAC TGT GCC  680

   S  G  L  C  C  A  R  H  F  W  S  K  I  C  K  P  V  L  K  E                   216
TCA GGA TTG TGT TGT GCT AGA CAC TTC TGG TCC AAG ATC TGT AAA CCT GTC CTG AAA GAA  740

   G  Q  V  C  T  K  H  R  R  K  G  S  H  G  L  E  I  F  Q  R                   236
GGT CAA GTG TGT ACC AAG CAT AGG AGA AAA GGC TCT CAT GGA CTA GAA ATA TTC CAG CGT  800

   C  Y  C  G  E  G  L  S  C  R  I  Q  K  D  H  H  Q  A  S  N                   256
TGT TAC TGT GGA GAA GGT CTG TCT TGC CGG ATA CAG AAA GAT CAC CAT CAA GCC AGT AAT  860

   S  S  R  L  H  T  C  Q  R  H  *
TCT TCT AGG CTT CAC ACT TGT CAG AGA CAC TAA                                      267

ACCAGCTATCCAAAATGCAGTGAACTCCTTTTATATAATAGATGCTATGAAAACCTTTTATGACCTTCATCAACTCAAT  893

CCTAAGGATATACAAGTTCTGTGGTTTCAGTTAAGCATTCCAATAACACCTTCCAAAAACCTGGAGTCTAAGAGCTTTG  972

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TTACCCCATTTNATTCTAGAGTCNAGAACGCAAGGATCTCTTGGAATGACAAATGATAGGTACCTAAAATGTAACATGA 1288

                                                                                1367
```

Figure 3B

AAATACTAGCTTATTTTCTGAAATGTACTATCTTAATGCTTAAATTATATTTCCCTTTAGGCTGTGATAGTTTTTGAAA 1446

TAAAATTTAACATTTAATATCATGAAATGKTATAAGTAGACATAAAAAAAAAAAAAAAAAAAAAAAGGGCGGCCGCTAGA 1525

CTAG 1529

Figure 4

```
  E   F   G   T   R   V   G   R   Y   C   H   S   P   H   Q   G   S   S   A   C      20
GAA TTC GGC ACG AGG GTT GGG AGG TAT TGC CAC AGT CCC CAC CAA GGA TCA TCG GCC TGC      60

  M   V   C   R   R   K   K   K   R   C   H   R   D   G   M   C   C   P   S   T      40
ATG GTG TGT CGG AGA AAA AAG AAG CGC TGC CAC CGA GAT GGC ATG TGC TGC CCC AGT ACC     120

  R   C   N   N   G   I   C   I   P   V   T   E   S   I   L   T   P   H   I   P      60
CGC TGC AAT AAT GGC ATC TGT ATC CCA GTT ACT GAA AGC ATC TTA ACC CCT CAC ATC CCG     180

  A   L   D   G   T   R   H   R   D   R   N   H   G   H   Y   S   N   H   D   L      80
GCT CTG GAT GGT ACT CGG CAC AGA GAT CGA AAC CAC GGT CAT TAC TCA AAC CAT GAC TTG     240

  G   W   Q   N   L   G   R   P   H   T   K   M   S   H   I   K   G   H   E   G     100
GGA TGG CAG AAT CTA GGA AGA CCA CAC ACT AAG ATG TCA CAT ATA AAA GGG CAT.GAA GGA     300

  D   P   C   L   R   S   S   D   C   I   E   G   F   C   C   A   R   H   F   W     120
GAC CCC TGC CTA CGA TCA TCA GAC TGC ATT GAA GGG TTT TGC TGT GCT CGT CAT TTC TGG     360

  T   K   I   C   K   P   V   L   H   Q   G   E   V   C   T   K   Q   R   K   K     140
ACC AAA ATC TGC AAA CCA GTG CTC CAT CAG GGG GAA GTC TGT ACC AAA CAA CGC AAG AAG     420

  G   S   H   G   L   E   I   F   Q   R   C   D   C   A   K   G   L   S   C   K     160
GGT TCT CAT GGG CTG GAA ATT TTC CAG CGT TGC GAC TGT GCG AAG GGC CTG TCT TGC AAA     480

  V   W   K   D   A   T   Y   S   S   K   A   R   L   H   V   C   Q   K   I   *     180
GTA TGG AAA GAT GCC ACC TAC TCC TCC AAA GCC AGA CTC CAT GTG TGT CAG AAA ATT TGA     540

TCACCATTGAGGAACATCATCAATTGCAGACTGTGAAGTTGTGTATTTAATGCATTATAGCATGGTGGAAAATAAGGTT     619

CAGATGCAGAAGAATGGCTAAAATAAGAAACGTGATAAGAATATAGATGATCACAAAAAAAAAAAAAAAAAAGATGCGG     698

CCGC                                                                               702
```

Figure 5

M 1

CTCGAGGCCAAAATTCGGCACGAGGCCGGGCTGTGGTCTAGCATAAAGGCGGAGCCCAGAAGAAGGGGCGGGGT ATG 77

G E A S P P A P A R R H L L V L L L L L 21

GGA GAA GCC TCC CCA CCT GCC CCC GCA AGG CGG CAT CTG CTG GTC CTG CTG CTG CTC CTC 137

S T L V I P S A A A P I H D A D A Q E S 41

TCT ACC CTG GTG ATC CCC TCC GCT GCA GCT CCT ATC CAT GAT GCT GAC GCC CAA GAG AGC 197

S L G L T G L Q S L L Q G F S R L F L K 61

TCC TTG GGT CTC ACA GGC CTC CAG AGC CTA CTC CAA GGC TTC AGC CGA CTT TTC CTG AAA 257

G N L L R G I D S L F S A P M D F R G L 81

GGT AAC CTG CTT CGG GGC ATA GAC AGC TTA TTC TCT GCC CCC ATG GAC TTC CGG GGC CTC 317

P G N Y H K E E N Q E H Q L G N N T L S 101

CCT GGG AAC TAC CAC AAA GAG GAG AAC CAG GAG CAC CAG CTG GGG AAC AAC ACC CTC TCC 377

S H L Q I D K M T D N K T G E V L I S E 121

AGC CAC CTC CAG ATC GAC AAG ATG ACC GAC AAC AAG ACA GGA GAG GTG CTG ATC TCC GAG 437

N V V A S I Q P A E G S F E G D L K V P 141

AAT GTG GTG GCA TCC ATT CAA CCA GCG GAG GGG AGC TTC GAG GGT GAT TTG AAG GTA CCC 497

R M E E K E A L V P I Q K A T D S F H T 161

AGG ATG GAG GAG AAG GAG GCC CTG GTA CCC ATC CAG AAG GCC ACG GAC AGC TTC CAC ACA 557

E L H P R V A F W I I K L P R R R S H Q 181

GAA CTC CAT CCC CGG GTG GCC TTC TGG ATC ATT AAG CTG CCA CGG CGG AGG TCC CAC CAG 617

D A L E G G H W L S E K R H R L Q A I R 201

GAT GCC CTG GAG GGC GGC CAC TGG CTC AGC GAG AAG CGA CAC CGC CTG CAG GCC ATC CGG 677

D G L R K G T H K D V L E E G T E S S S 221

GAT GGA CTC CGC AAG GGG ACC CAC AAG GAC GTC CTA GAA GAG GGG ACC GAG AGC TCC TCC 737

H S R L S P R K T H L L Y I L R P S R Q 241

CAC TCC AGG CTG TCC CCC CGA AAG ACC CAC TTA CTG TAC ATC CTC AGG CCC TCT CGG CAG 797

L * 243

CTG TAG 803

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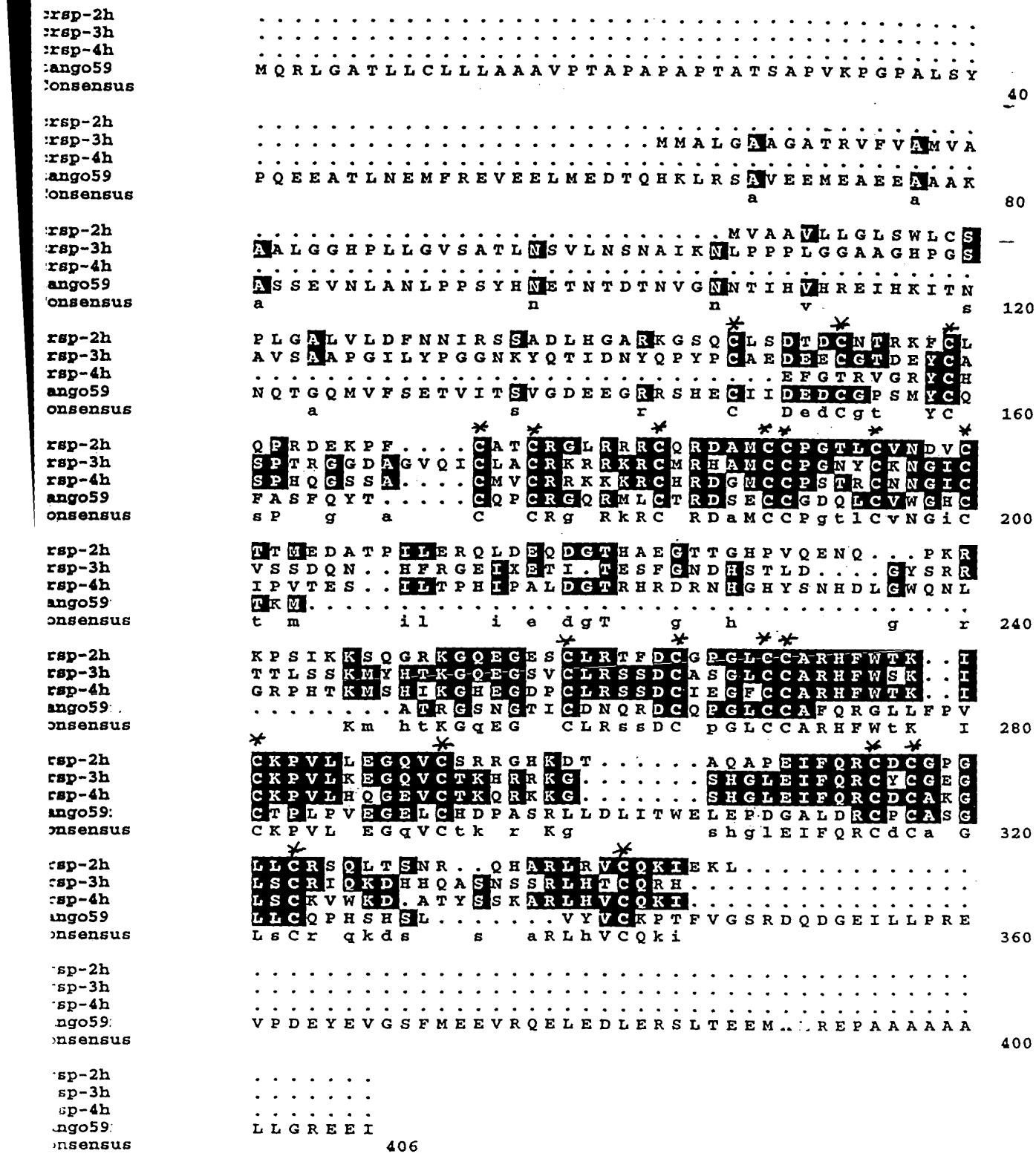
Figure 6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rsp-3h
rsp-4h
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rsp-3h
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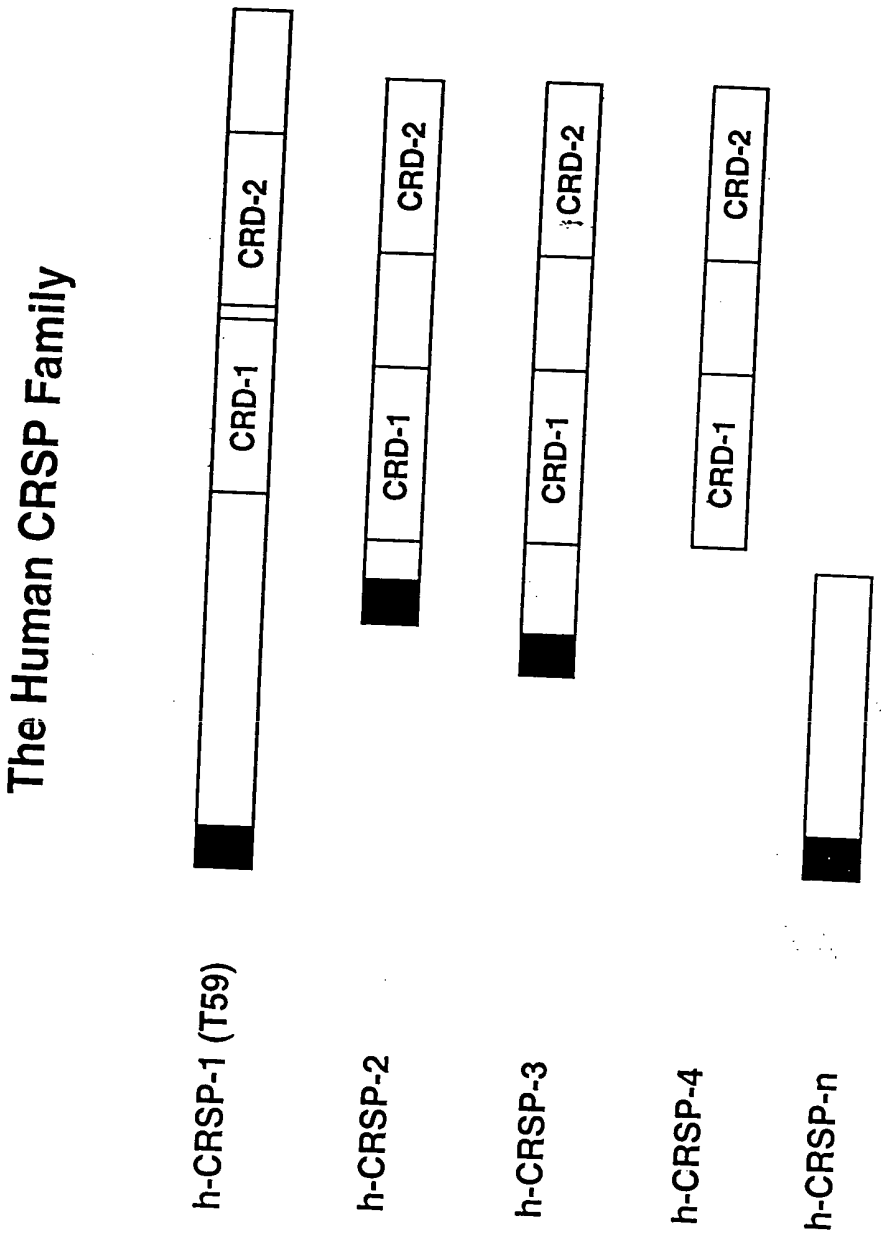
Figure 7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CRD-1
CRD-2
h-CRSP-1 (T59)
h-CRSP-2
h-CRSP-3
h-CRSP-4
h-CRSP-n

Figure 8A

```
FGTCGACCCACGCGTCCGCTGTGGCAGCCCAGCTACCGGTCGTGACCAGATCCAGCTTGCAGCTCAGCTTTGTTCATTC   79

                                    M   Q   R   L   G   G   I   L   L   C   T   L     12
GAATTGGGCGGCGGCCAGCGCGGAACAAAC ATG CAG CGG CTC GGG GGT ATT TTG CTG TGT ACA CTG     145

 L   A   A   A   V   P   T   A   P   A   P   S   P   T   V   T   W   T   P   A     32
CTG GCG GCG GCG GTC CCC ACT GCT CCT GCT CCT TCC CCG ACG GTC ACT TGG ACT CCG GCG    205

 E   P   G   P   A   L   N   Y   P   Q   E   E   A   T   L   N   E   M   F   R     52
GAG CCG GGC CCA GCT CTC AAC TAC CCT CAG GAG GAA GCT ACG CTC AAT GAG ATG TTT CGA    265

 E   V   E   E   L   M   E   D   T   Q   H   K   L   R   S   A   V   E   E   M     72
GAG GTG GAG GAG CTG ATG GAA GAC ACT CAG CAC AAA CTG CGC AGT GCC GTG GAG GAG ATG    325

 E   A   E   E   A   A   A   K   T   S   S   E   V   N   L   A   S   L   P   P     92
GAG GCG GAA GAA GCA GCT GCT AAA ACG TCC TCT GAG GTG AAC CTG GCA AGC TTA CCT CCC    385

 N   Y   H   N   E   T   S   T   E   T   R   V   G   N   N   T   V   H   V   H    112
AAC TAT CAC AAT GAG ACC AGC ACG GAG ACC AGG GTG GGA AAT AAC ACA GTC CAT GTG CAC    445

 Q   E   V   H   K   I   T   N   N   Q   S   G   Q   V   V   F   S   E   T   V    132
CAG GAA GTT CAC AAG ATA ACC AAC AAC CAG AGT GGA CAG GTG GTC TTT TCT GAG ACA GTC    505

 I   T   S   V   G   D   E   E   G   K   R   S   H   E   C   I   I   D   E   D    152
ATT ACA TCT GTA GGG GAT GAA GAA GGC AAG AGG AGC CAT GAA TGT ATC ATT GAT GAA GAC    565

 C   G   P   T   R   Y   C   Q   F   S   S   F   K   Y   T   C   Q   P   C   R    172
TGT GGG CCC ACC AGG TAC TGC CAG TTC TCC AGC TTC AAG TAC ACC TGC CAG CCA TGC CGG    625

 D   Q   Q   M   L   C   T   R   D   S   E   C   C   G   D   Q   L   C   A   W    192
GAC CAG CAG ATG CTA TGC ACC CGA GAC AGT GAG TGC TGT GGA GAC CAG CTG TGT GCC TGG    685

 G   H   C   T   Q   K   A   T   K   G   G   N   G   T   I   C   D   N   Q   R    212
GGT CAC TGC ACC CAA AAG GCC ACC AAA GGT GGC AAT GGG ACC ATC TGT GAC AAC CAG AGG    745

 D   C   Q   P   G   L   C   C   A   F   Q   R   G   L   L   F   P   V   C   T    232
GAT TGC CAG CCT GGC CTG TGT TGT GCC TTC CAA AGA GGC CTG CTG TTC CCC GTG TGC ACA    805

 P   L   P   V   E   G   E   L   C   H   D   P   T   S   Q   L   L   D   L   I    252
CCC CTG CCC GTG GAG GGA GAG CTC TGC CAT GAC CCC ACC AGC CAG CTG CTG GAT CTC ATC    865

 T   W   E   L   E   P   E   G   A   L   D   R   C   P   C   A   S   G   L   L    272
ACC TGG GAA CTG GAG CCT GAA GGA GCT TTG GAC CGA TGC CCC TGC GCC AGT GGC CTC CTA    925

 C   Q   P   H   S   H   S   L   V   Y   M   C   K   P   A   F   V   G   S   H    292
TGC CAG CCA CAC AGC CAC AGT CTG GTG TAC ATG TGC AAG CCA GCC TTC GTG GGC AGC CAT    985

 D   H   S   E   E   S   Q   L   P   R   E   A   P   D   E   Y   E   D   V   G    312
GAC CAC AGT GAG GAG AGC CAG CTG CCC AGG GAG GCC CCG GAT GAG TAC GAA GAT GTT GGC   1045

 F   I   G   E   V   R   Q   E   L   E   D   L   E   R   S   L   A   Q   E   M    332
TTC ATA GGG GAA GTG CGC CAG GAG CTG GAA GAC CTG GAG CGG AGC CTA GCC CAG GAG ATG   1105
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Figure 8B

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A   F   E   G   P   A   P   V   E   S   L   G   G   E   E   E   I   *
GCA TTT GAG GGG CCT GCC CCT GTG GAG TCA CTA GGC GGA GAG GAG GAG ATT TAG          350
GCCCAGACCCAGCTGAGTCACTGGTAGATGTGCAATAGAAATGGCTAATTTATTTTCCCAGGAGTGTCCCCAAGTGTGG  1159
AATGGCCGCAGCTCCTTCCCAGTAGCTTTTCCTCTGGCTTGACAAGGTACAGTGCAGTACATTTCTTCCAGCCGCCCTG  1238
CTTCTCTGACTTGGGAAAGACAGGCATGGCGGGTAAGGGCAGCGGTGAGTCGTCCCTCGCTGTTGCTAGAAACGCTGTC  1317
TTGTTCTTCATGGATGGAAGATTTGTTTGAAGGGAGAGGATGGGAAGGGGTGAAGTCTGCTCATGATGGATTTGGGGGA  1396
TACAGGGAGGAGGATGCCTGCCTTGCAGACGTGGACTTGGCAAAATGTAACCTTTGCTTTTGTCTTGCGCCGCTCCCAT  1475
GGGCTGAGGCAGTGGCTACACAAGAGCTATGCTGCTCTGTGGCCTCCCACATATTCATCCCTGTGTTTCAGCTCCTACC  1554
TCACTGTCAGCACAGCCCTTCATAGCCACGCCCCCTCTTGCTCACCACAGCCTAGGAGGGGACCAGAGGGGACTTCTCT  1633
CAGAGCCCCATGCTCTCTCTCTCAACCCCATACCAGCCTCTGTGCCAGCGACAGTCCTTCCAAATGGAGGGAGTGAAAT  1712
CCTTTGGTTTAATTATTTTCTCCTTCAAGGCACGCCTGCCACTAAGGTCAGGCTGACTTGCATGTCCCTCTAACGTTCG  1791
TAGCAGTGTGGTGGACACTGTCTTCCACCGACTGCTTCAATACCTCTGAAAGCCAGTGCTCGGAGTGCAGTTCGTGTAA  1870
ATTAATTTGCAGGAAGTATACTTGGCTAATTGTAGGGCTAGGATTGTGAATGAAATTTGCAAAGTCGCTTAGCAACAAT  1949
GGAAAGCCTTTCTCAGTCACACCGAGAAGTCACAACCAAGCCAGGTTGTGTAGAGTACAGCTGTGACATACAGACAGAA  2028
GAAGGCTGGGCTGGATGTCAGGCCTCAGATGACGGTTTCAGGTGCCAGGAACTATTACCATTCTGTATCTATCCAGAGT  2107
TATTAAAATTGAAAGTTGCACACATTTGTATAAGCATGCCTTTCTCCTGAGTTTTAAATTATATGTATACACAAACATG  2186
TGGCCCTCAAAGATCATGCACAAACCACTACTCTTTGCTAATTCTTGGACTTTTCTCTTTGATTTTCAATAAATACAAA  2265
TCCCCTTCATGCAAAAAAAAAAAAAAAGGGCGGCCGC                                          2344
                                                                               2381
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